

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-779/7790-53-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7790-53-6

Code:

M

RTECS:**Code:**

X

Name:

POTASSIUM METAPHOSPHATE Environmental Wt: Other

Other REC Limits:

N/P

OSHA PEL:

N/P

Code:**OSHA STEL:**

N/P

Code:**ACGIH TLV:**

N/P

Code:**ACGIH STEL:**

N/P

Code:

Control Measures

Respiratory Protection:

NO RESPIRATOR REQUIRED UNDER NORMAL CONDITIONS OF USE. UNDER CONDITIONS OF FREQUENT USE OR HEAVY EXPOSURE, RESPIRATORY PROTECTION MAY BE NEEDED. FOR UNKNOWN CONCENTRATION OR IDLH: AIR-SUPPLIED RESPIRATOR WITH FULL FACEPIECE OPERATED IN PRESSURE DEMAND MODE IN COMBINATION W/SEPARATE ESCAPE SUPPLY. ANY SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE.

Ventilation:

PROVIDE LOCAL EXHAUST SYSTEM. EQUIPMENT SHOULD BE EXPLOSION-RESISTANT IF EXPLOSIVE CONCENTRATIONS OF MATERIAL ARE PRESENT. ENSURE COMPLIANCE WITH EXPOSURE LIMITS 7

Protective Gloves:

PROTECTIVE GLOVES ARE NOT REQUIRED.

Eye Protection:

WEAR SPLASH RESISTANT SAFETY GOGGLES.

Other Protective Equipment:

Equipment PROVIDE AN EMERGENCY EYE WASH AND QUICK DRENCH SHOWER IN THE IMMEDIATE WORK AREA. PROTECTIVE CLOTHING IS NOT REQUIRED.

Work Hygienic Practices:

NO DATA PROVIDED BY RESPONSIBLE PARTY.

Supplemental Safety and Health:

N/A=NOT AVAILABLE.

Health Hazards Data

LD50/LC50 Mixture:

NO DATA GIVEN FOR ENTIRE PRODUCT

Route Of Entry Inds - Inhalation:

N/P

Skin:

N/P

Ingestion:

N/P

Carcinogenicity Inds - NTP:

N/P

IARC:

YES

OSHA:

N/P 5

Health Hazards Acute And Chronic:

INHALATION: SHORT TERM EXPOSURE: HEADACHE, DIZZINESS, BLUISH SKIN COLOR, CONVULSIONS, COMA. LONG TERM EFFECTS: NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS. SKIN CONTACT: SHORT TERM EXPOSURE: HEADACHE, DIZZINESS, BLUISH SKIN COLOR, CONVULSIONS, COMA. LONG TERM EFFECTS: NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS. INGESTION: SHORT TERM EXPOSURE: HEADACHE, DIZZINESS, BLUISH SKIN COLOR, CONVULSIONS, COMA. LONG TERM EFFECTS: NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS. EYE CONTACT: SHORT T

Explanation Of Carcinogenicity:

IARC: ANIMAL INADEQUATE EVIDENCE (MAGENTA), HUMAN INADEQUATE EVIDENCE, 2B (MAGENTA CONTAINING C.I. BASIC RED 9), HUMAN SUFFICIENT EVIDENCE, GROUP 1 (MAGENTA MANUFACTURING); EC CATEGORY 1.

Signs And Symptoms Of Overexposure:

SKIN/INHALATION/INGESTION: SHORT TERM EXPOSURE: HEADACHE, DIZZINESS, BLUISH SKIN COLOR, CONVULSIONS, COMA. LONG TERM EFFECTS: NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS. EYES: IRRITATION.

Medical Cond Aggravated By Exposure:

NO DATA PROVIDED BY RESPONSIBLE PARTY.

First Aid:

INHALATION: REMOVE FROM EXPOSURE IMMEDIATELY. USE A BAG VALVE MASK OR SIMILAR DEVICE TO PERFORM ARTIFICIAL RESPIRATION (RESCUE BREATHING) IF NEEDED. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING & SHOES IMMEDIATELY. WASH WITH SOAP & WATER UNTIL NO EVIDENCE OF CHEMICAL RESIDUE REMAINS. GET MEDICAL ATTENTION IF NEEDED. EYE CONTACT: WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER, LIFTING LIDS, UNTIL NO EVIDENCE OF CHEMICAL REMAINS. GET MEDICAL ATTENTION IMMEDIATELY.

Spill Release Procedures:

OCUPATIONAL RELEASE: S LEAK IF POSSIBLE WITHOUT PERSONAL RISK. SMALL SPILLS: ABSORB WITH SAND OR OTHER NON-COMBUSTIBLE MATERIAL. COLLECT SPILLED MATERIAL IN APPROPRIATE CONTAINER FOR DISPOSAL. KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY.

Neutralizing Agent:

NO DATA PROVIDED BY RESPONSIBLE PARTY.

Waste Disposal Methods:

NO DATA PROVIDED BY RESPONSIBLE PARTY. 6

Handling And Storage Precautions:

STORE AND HANDLE IN ACCORDANCE WITH ALL CURRENT REGULATIONS AND STANDARDSS. KEEP SEPARATED FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:

NO DATA PROVIDED BY RESPONSIBLE PARTY.

Fire and Explosion Hazard Information

Flash Point Method:

N/K

Flash Point:

N/K

Flash Point Text:

NO DATA

Autoignition Temp:

N/K

Autoignition Temp Text:

N/P

Lower Limits:

N/P

Upper Limits:

N/P

Extinguishing Media:

REGULAR DRY CHEMICAL, CARBON DIOXIDE, WATER, REGULAR FOAM. LARGE FIRES: USE REGULAR FOAM OR FLOOD WITH FINE WATER SPRAY.

Fire Fighting Procedures:

MOVE CONTAINER FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. DO NOT SCATTER SPILLED MATERIAL WITH HIGH-PRESSURE WATER STREAMS. DIKE FOR LATER DISPOSAL. USE EXTINGUISHING AGENTS APPROPRIATE FOR SURROUNING FIRE. AVOID INHALATION OF MATERIAL OR COMBUSTION BY-PRODUCTS, STAY UPWIND AND KEEP OUT OF LOW AREAS.

Unusual Fire/Explosion Hazard:

SLIGHT FIRE HAZARD.

Physical/Chemical Properties

HCC:

N/K

NRC/State Lic No:

N/K

Net Prop WT For Ammo:

N/K

Boiling Point:

N/K

B.P. Text:

NOT AVAILABLE

Melt/Freeze Pt:

NOT AVAILABLE

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

NOT AVAILABLE

Vapor Density:

N/A

Volatile Org Content %:

N/A

Spec Gravity:

NOT AVAILABLE

VOC Pounds/Gallon:

N/K

PH:

NOT AVAILABLE

VOC Grams/Liter:

N/K

Viscosity:

N/P

Evaporation Rate & Reference:

NOT AVAILABLE

Solubility in Water:

NOT AVAILABLE

Appearance and Odor:

LIQUID.

Percent Volatiles by Volume:

N/A

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stable Condition To Avoid:

STABLE AT NORMAL TEMPERATURES AND PRESSURE.

Materials To Avoid:

OXIDIZING MATERIALS.

Hazardous Decomposition Products:

THERMAL: MISCELLANEOUS DECOMPOSITION PRODUCTS.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

WILL NOT POLYMERIZE

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Safe Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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